

GUANGDONG BRIGHT STAR LIGHT & ELECTRICITY CO., LTD.

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The features of xenon metal halide lamp for vehicles

Test temperature:25℃,CNLIGHT matched ballast:13.5V_{dc}

Color	X		Y		Luminous Flux(lm)		The light fades	
	Q/BS	ISO	Q/BS	ISO	Q/BS	ISO	Q/BS	ISO
4300K	≥0.345 ≤0.405	≥0.345 ≤0.405	≤0.15+0.640 _x ≥0.05+0.750 _x	≤0.15+0.640 _x ≥0.05+0.750 _x	3300±350	3300±450	≤30%	≤40%
6000K	≥0.305 ≤0.375		≤0.15+0.640 _x ≥0.05+0.750 _x		2800±350		≤30%	≤40%
8000K	≥0.280 ≤0.325		≤0.15+0.640 _x ≥0.05+0.751 _x		2600±350		≤30%	≤40%

Ballast technique parameter

Input	13.5V _{dc} Nom 9-18V _{dc}	Output	35±2W
Lifetime	>3000hrs	Temperature	-40---±95℃
Switch times	>100000 次	High efficiency ,low power ,and high reliability	
Waterproof,shockproof,excellent in performance.			
Quick start:25% of objective luminous flux can be reached within 1 second,80% of objective luminous flux can be reached within 4 second .			

HID conersion kit technique parameter

Category	Halogen Lamp	HID Lamp
Luminary	TUngsten halogen lamp	Discharge lamp
Work method	Filament	arc discharge
Voltage,wattage	12V 55--100W	12V 35W
Luminous Flux	800-1500lm	3300lm
Color Temperature	3000K	4200--12000K
Sense of vision	Dim	Bright
Lifetime(hrs)	350hrs	3000hrs
Ultraviolet radiation	Little	No
Lighting area	100%	350%